

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034812.D
 Acq On : 28 Mar 2023 22:38
 Operator : JC/MD
 Sample : 02084-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PMW-2

Quant Time: Mar 29 04:11:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

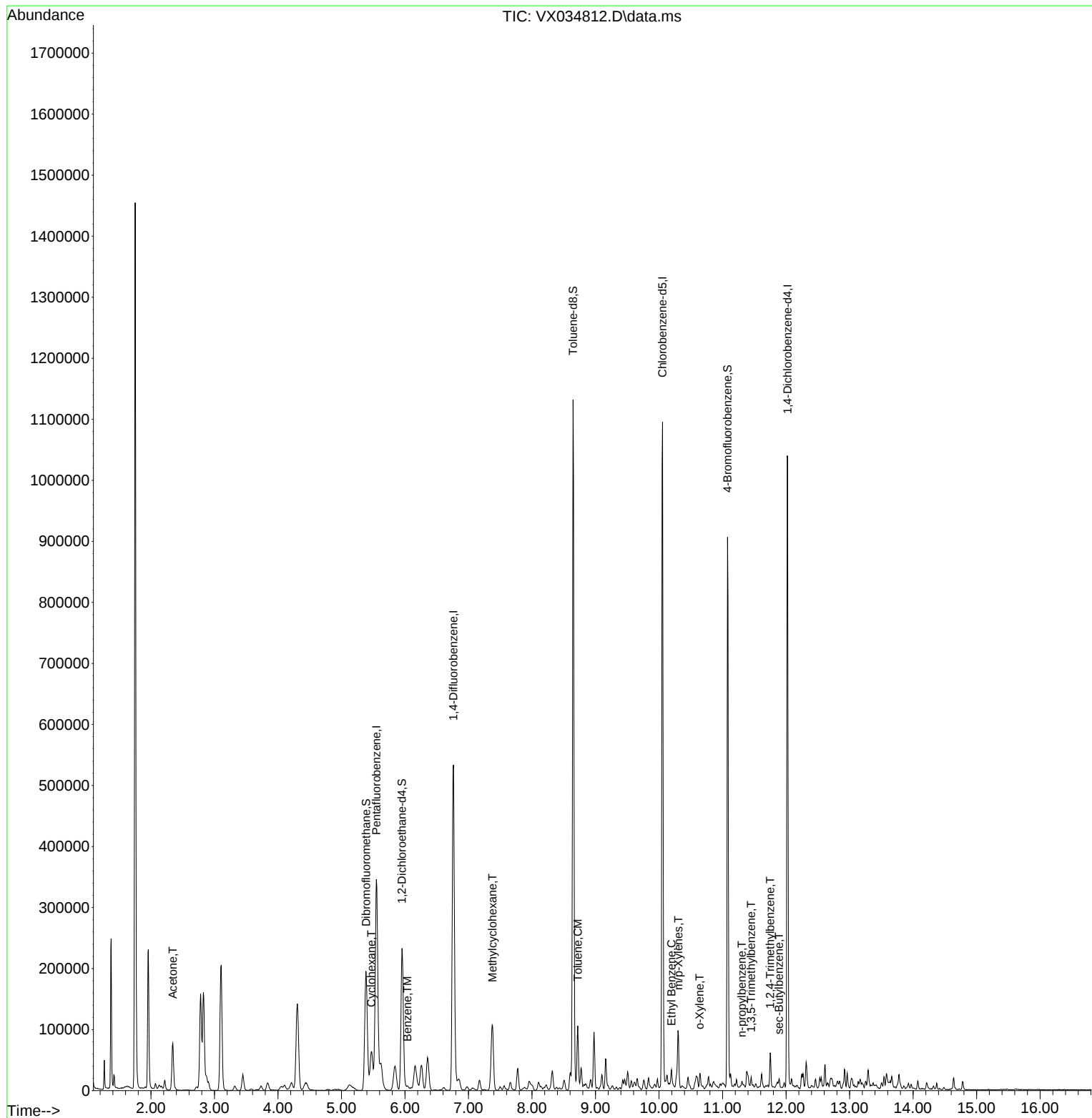
Internal Standards						
1) Pentafluorobenzene	5.550	168	311954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	530604	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	224675	49.506	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.020%
35) Dibromofluoromethane	5.385	113	164301	46.899	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.800%
50) Toluene-d8	8.647	98	638971	48.858	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.720%
62) 4-Bromofluorobenzene	11.079	95	241772	45.768	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.540%
Target Compounds						
					Qvalue	
16) Acetone	2.343	43	30377	14.210	ug/l #	57
31) Cyclohexane	5.470	56	42229	6.635	ug/l	98
39) Methylcyclohexane	7.379	83	42577	6.612	ug/l	88
40) Benzene	6.037	78	6666	0.423	ug/l	100
52) Toluene	8.720	92	38675	3.969	ug/l	100
67) Ethyl Benzene	10.195	91	15057	0.810	ug/l	99
68) m/p-Xylenes	10.305	106	18329	2.568	ug/l	96
69) o-Xylene	10.640	106	4986	0.696	ug/l	91
78) n-propylbenzene	11.305	91	7156	0.373	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	5983	0.430	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	23248	1.633	ug/l	98
85) sec-Butylbenzene	11.890	105	6331	0.369	ug/l #	71

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

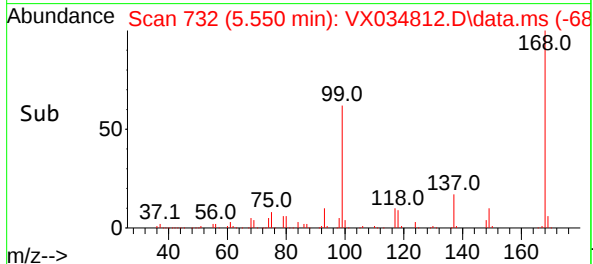
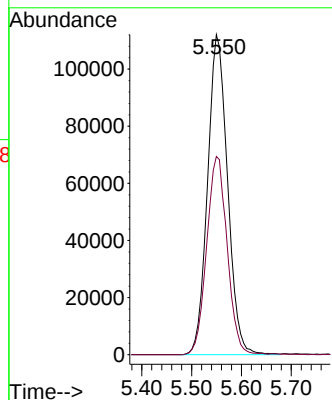
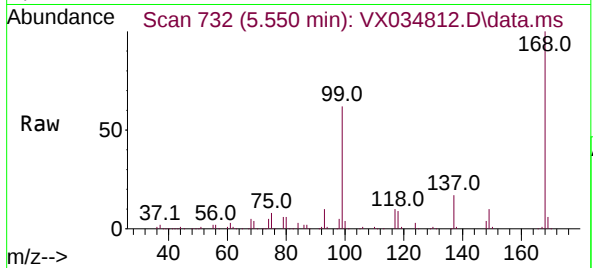




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

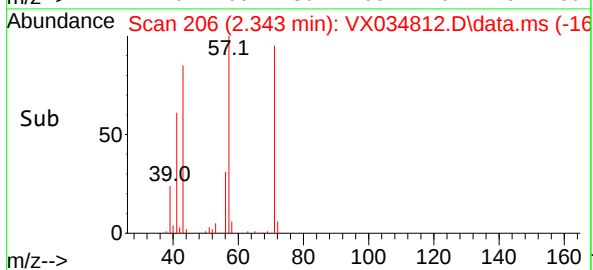
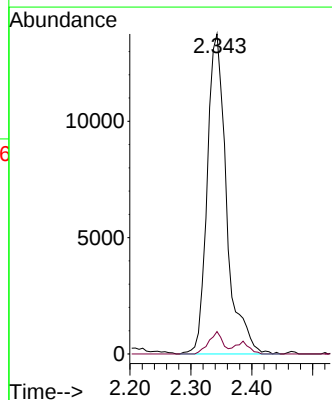
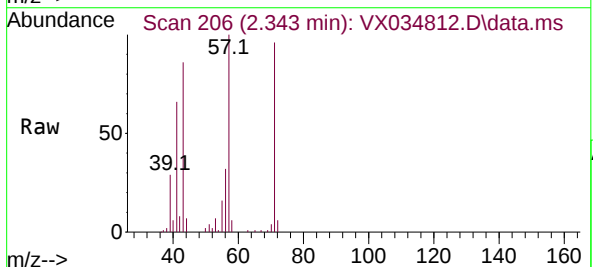
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

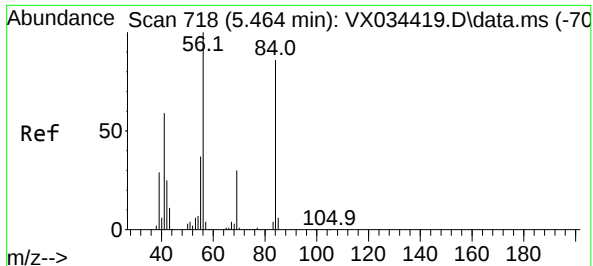
Tgt Ion:168 Resp: 311954
Ion Ratio Lower Upper
168 100
99 61.9 45.7 68.5



#16
Acetone
Concen: 14.210 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.031 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

Tgt Ion: 43 Resp: 30377
Ion Ratio Lower Upper
43 100
58 7.0 24.7 37.1#

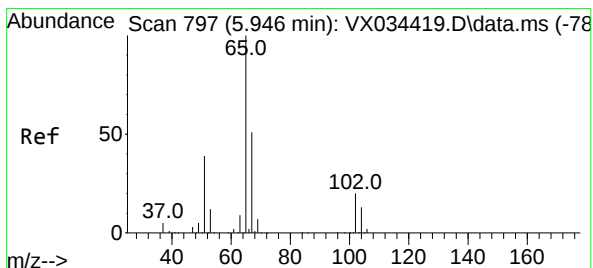
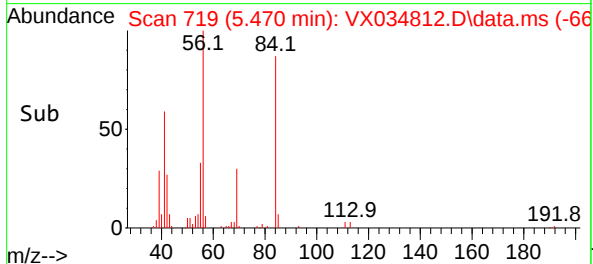
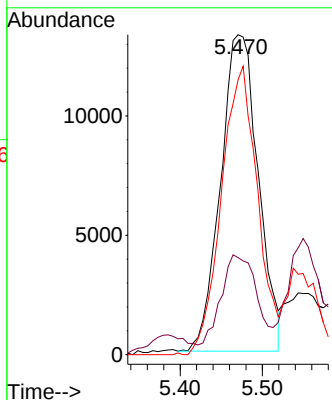
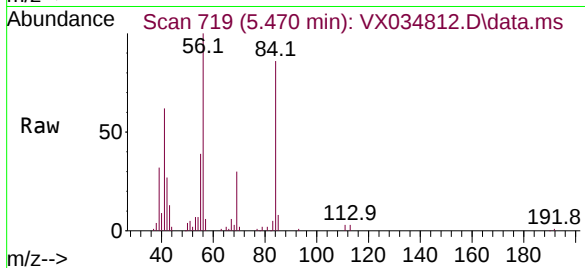




#31
Cyclohexane
Concen: 6.635 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

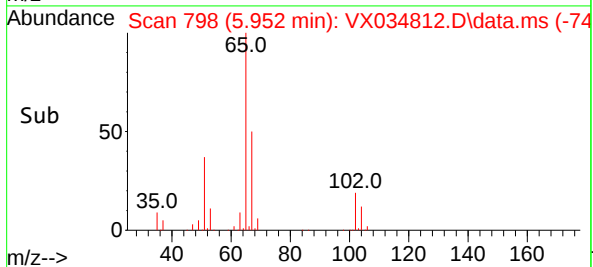
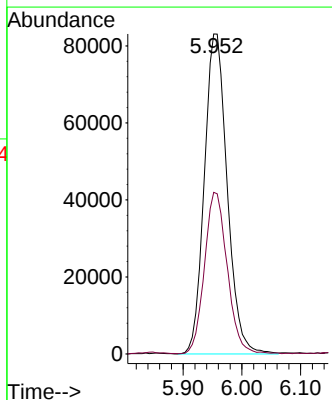
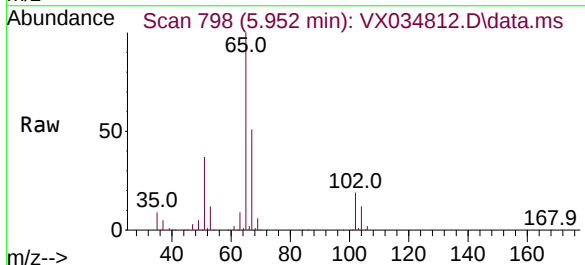
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

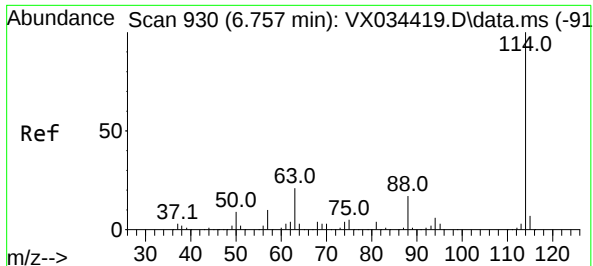
Tgt Ion: 56 Resp: 42229
Ion Ratio Lower Upper
56 100
69 25.6 23.7 35.5
84 86.3 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 49.506 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

Tgt Ion: 65 Resp: 224675
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0

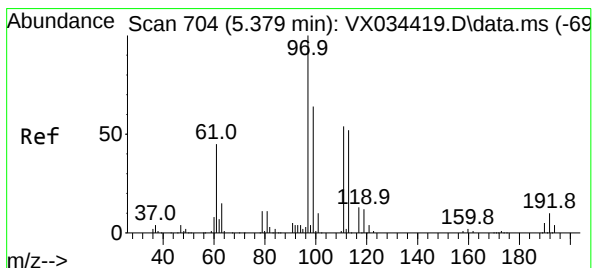
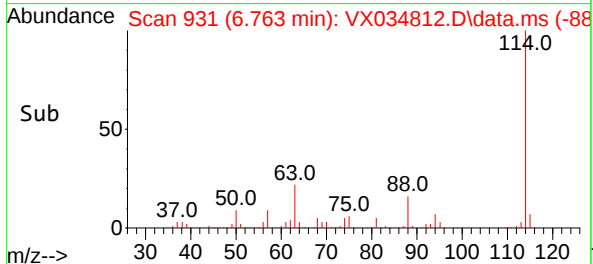
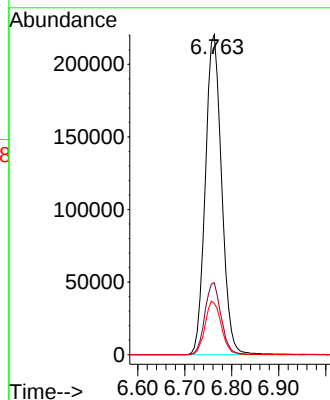
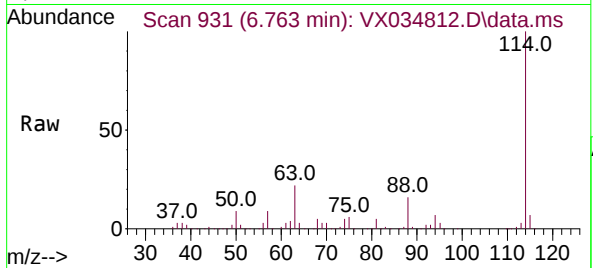




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

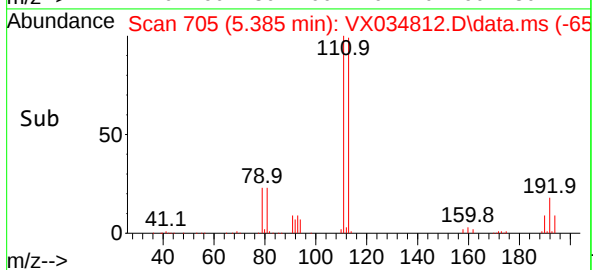
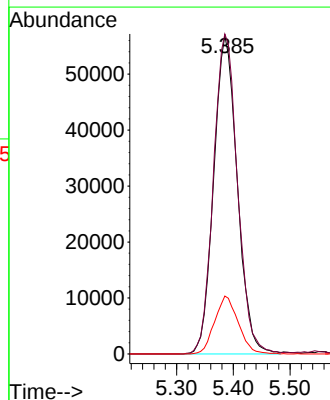
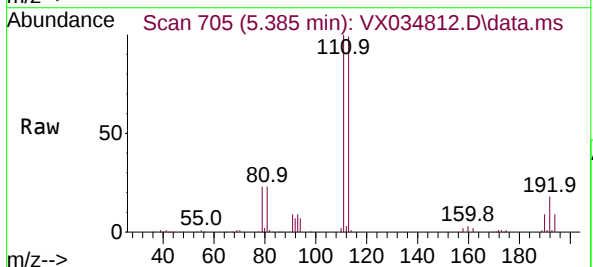
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

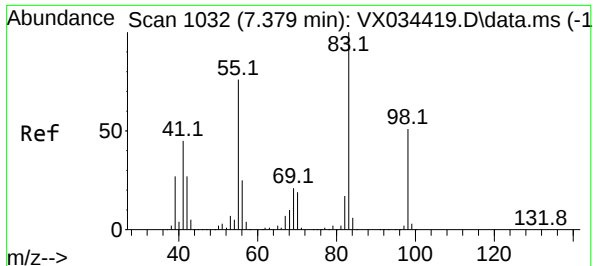
Tgt Ion:114 Resp: 530604
Ion Ratio Lower Upper
114 100
63 22.5 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.899 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

Tgt Ion:113 Resp: 164301
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.3 15.4 23.2





#39

Methylcyclohexane

Concen: 6.612 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034812.D

Acq: 28 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

PMW-2

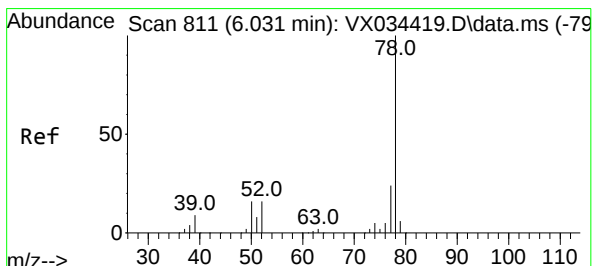
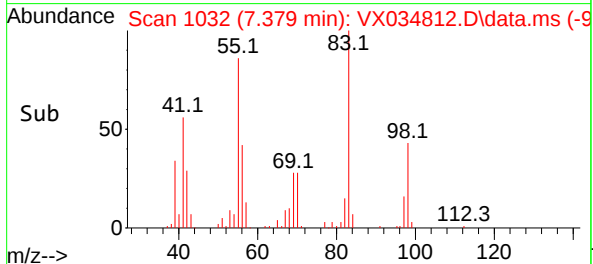
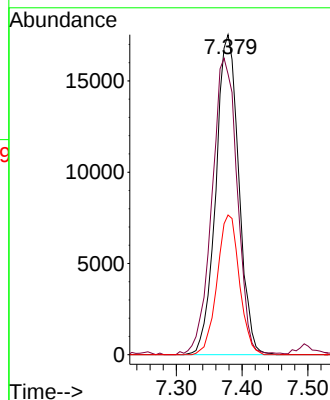
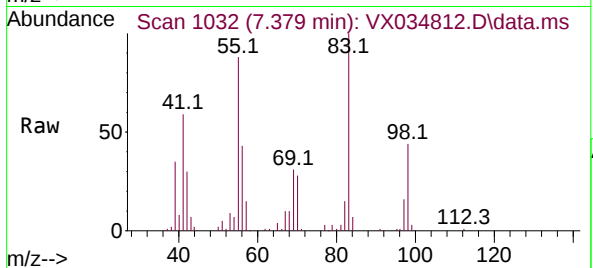
Tgt Ion: 83 Resp: 42577

Ion Ratio Lower Upper

83 100

55 87.2 60.5 90.7

98 43.7 40.4 60.6



#40

Benzene

Concen: 0.423 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034812.D

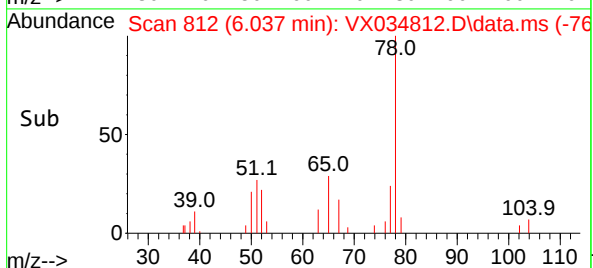
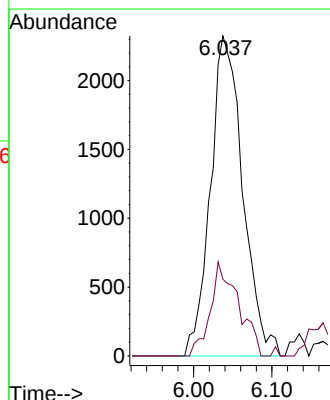
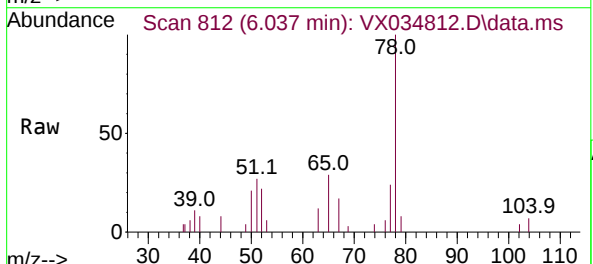
Acq: 28 Mar 2023 22:38

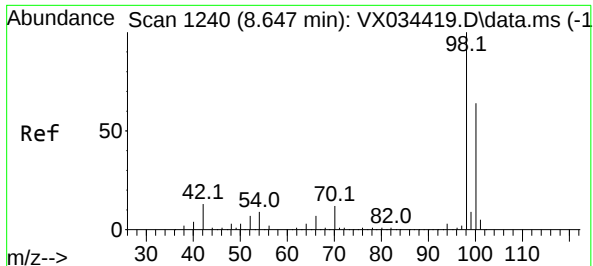
Tgt Ion: 78 Resp: 6666

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4





#50

Toluene-d8

Concen: 48.858 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034812.D

Acq: 28 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

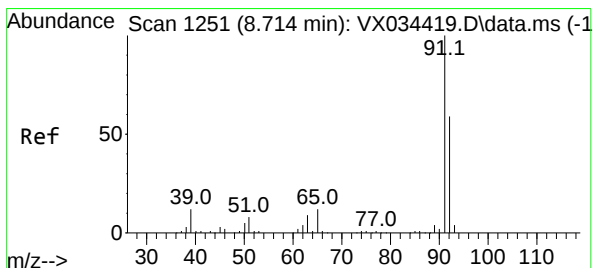
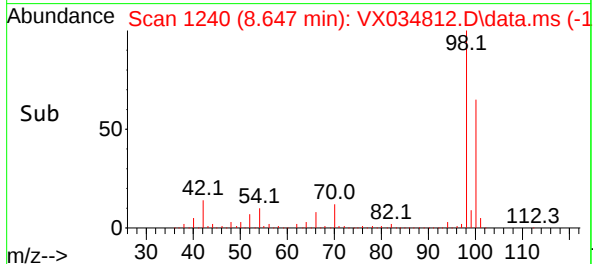
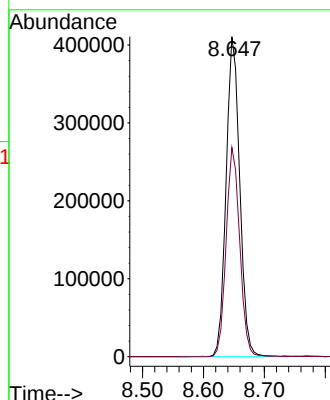
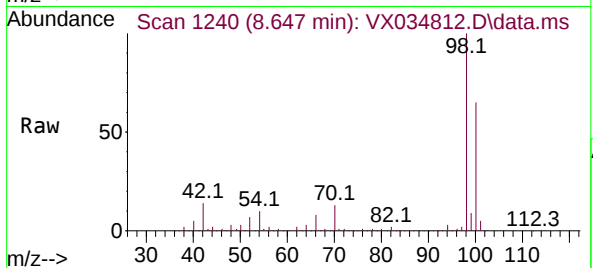
PMW-2

Tgt Ion: 98 Resp: 638971

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



#52

Toluene

Concen: 3.969 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034812.D

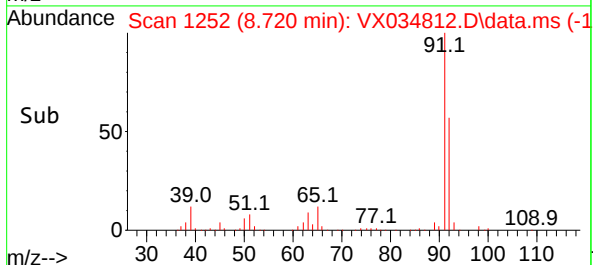
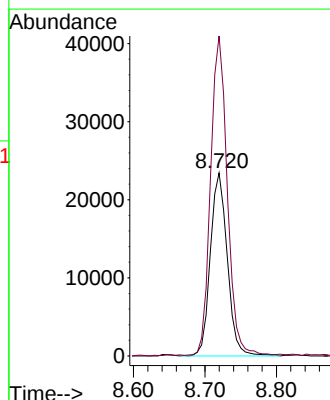
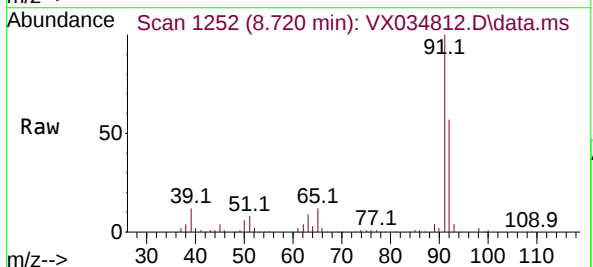
Acq: 28 Mar 2023 22:38

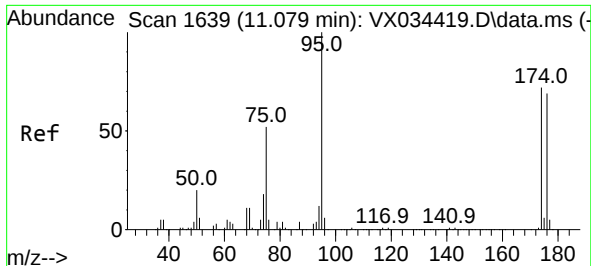
Tgt Ion: 92 Resp: 38675

Ion Ratio Lower Upper

92 100

91 171.3 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 45.768 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034812.D

Acq: 28 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

PMW-2

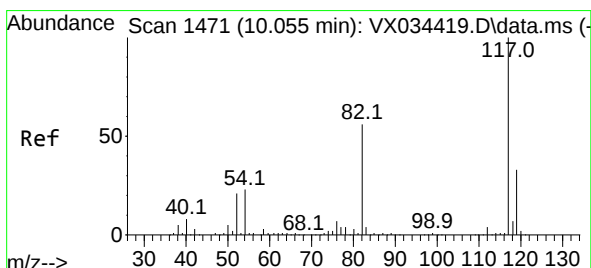
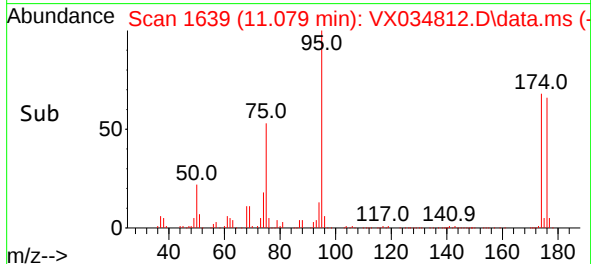
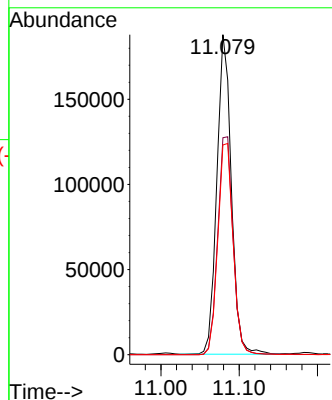
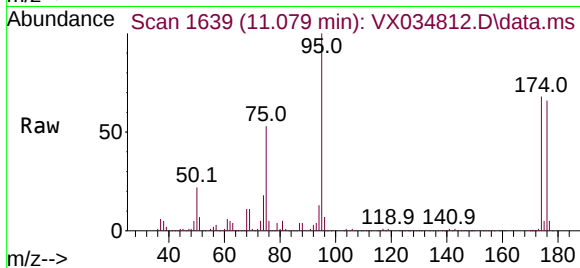
Tgt Ion: 95 Resp: 241772

Ion Ratio Lower Upper

95 100

174 72.1 0.0 147.4

176 69.8 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034812.D

Acq: 28 Mar 2023 22:38

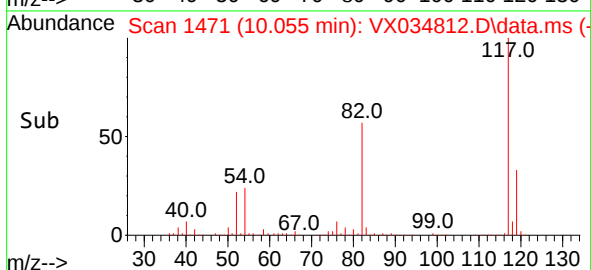
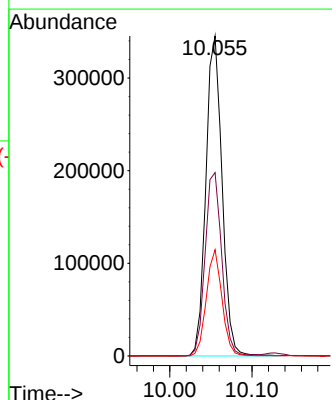
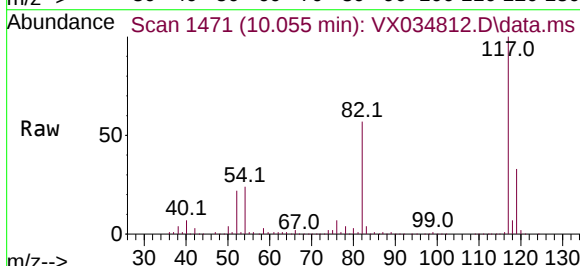
Tgt Ion: 117 Resp: 473123

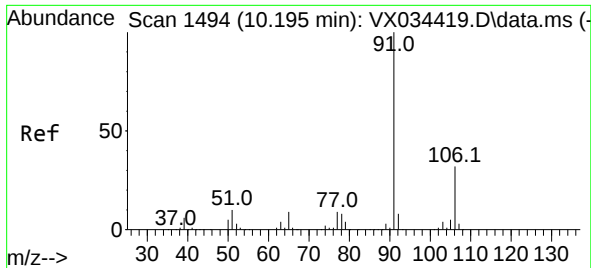
Ion Ratio Lower Upper

117 100

82 57.2 45.0 67.4

119 33.2 26.0 39.0

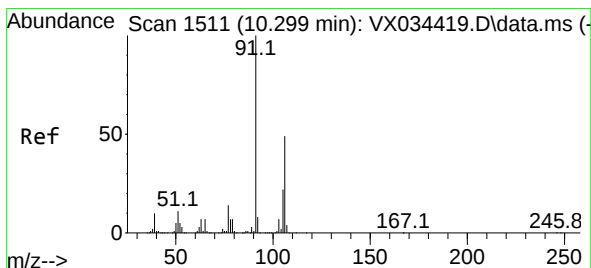
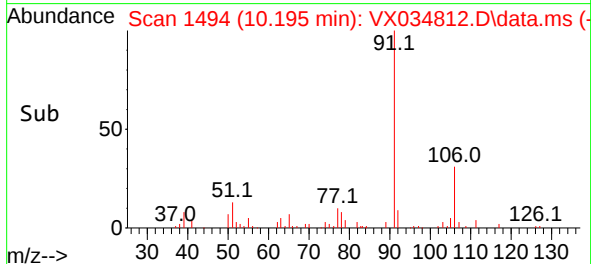
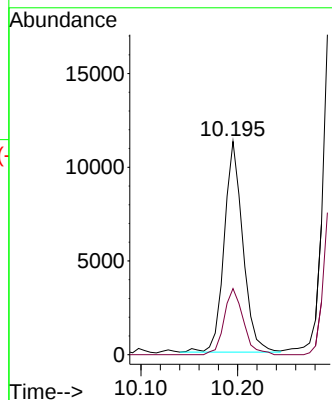
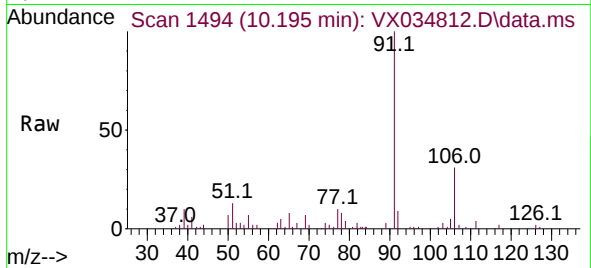




#67
Ethyl Benzene
Concen: 0.810 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

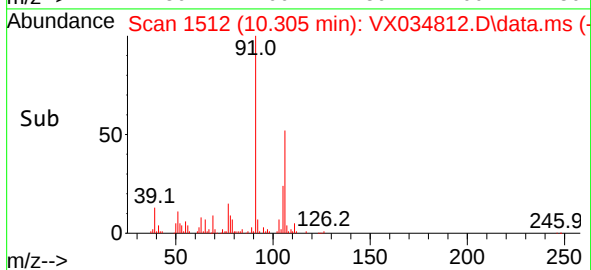
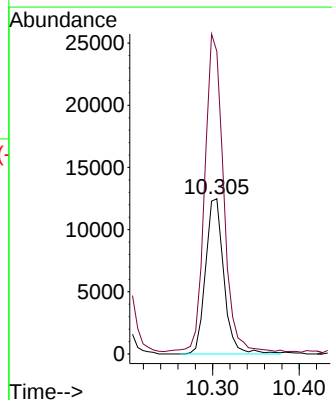
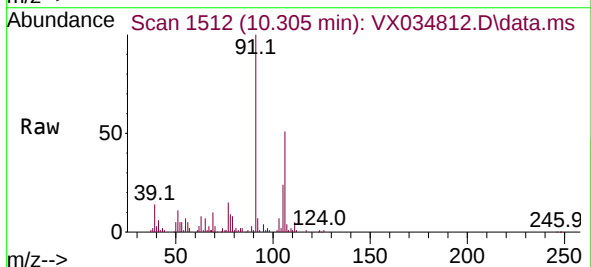
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

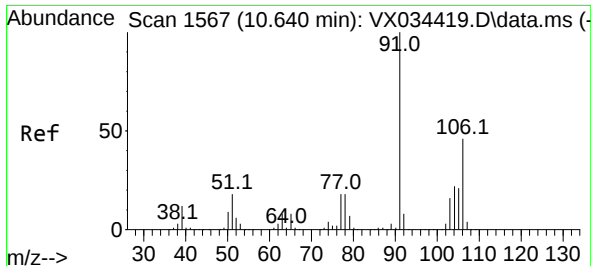
Tgt Ion: 91 Resp: 15057
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 2.568 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

Tgt Ion: 106 Resp: 18329
Ion Ratio Lower Upper
106 100
91 211.0 164.0 246.0

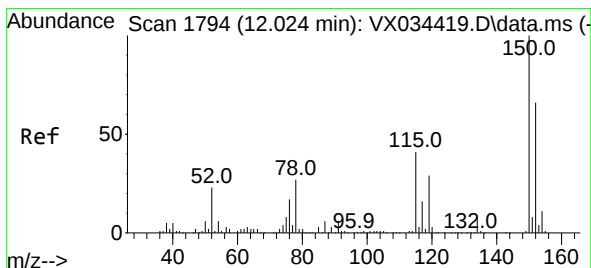
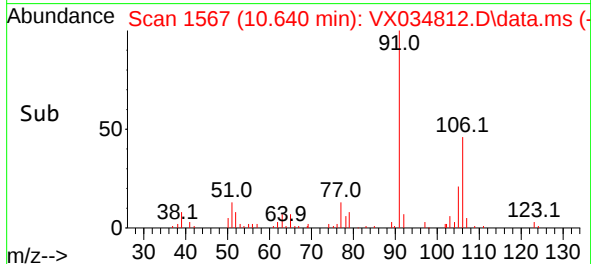
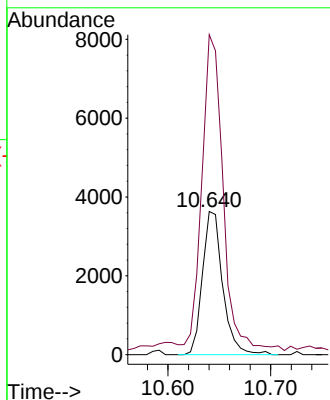
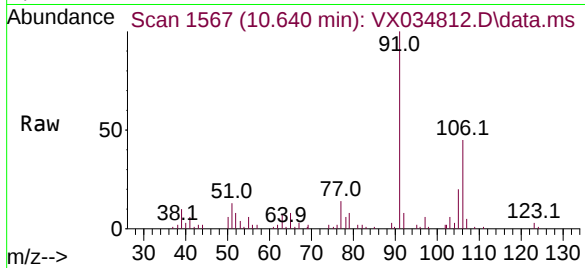




#69
o-Xylene
Concen: 0.696 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

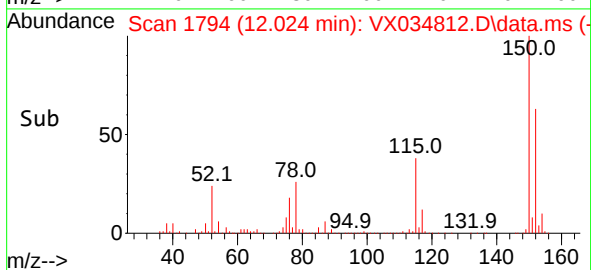
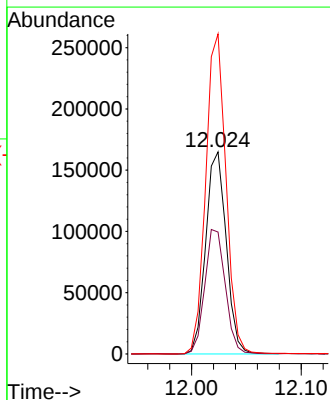
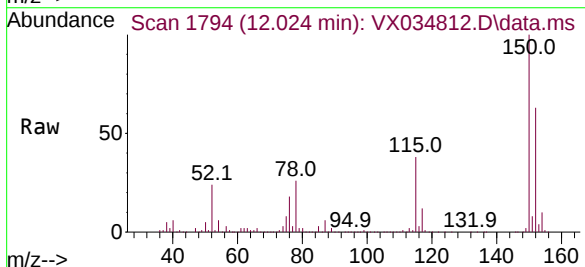
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

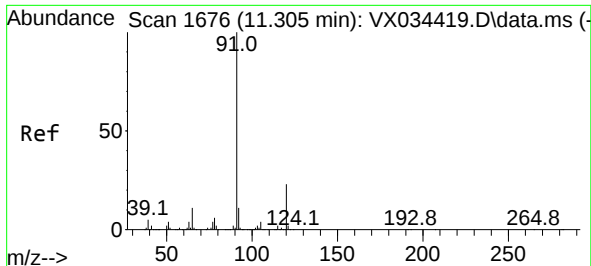
Tgt Ion:106 Resp: 4986
Ion Ratio Lower Upper
106 100
91 231.4 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

Tgt Ion:152 Resp: 214856
Ion Ratio Lower Upper
152 100
115 61.5 45.0 135.0
150 156.3 0.0 352.4

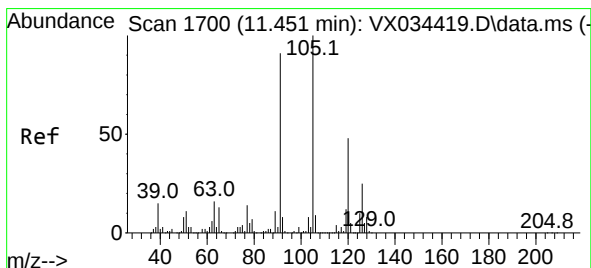
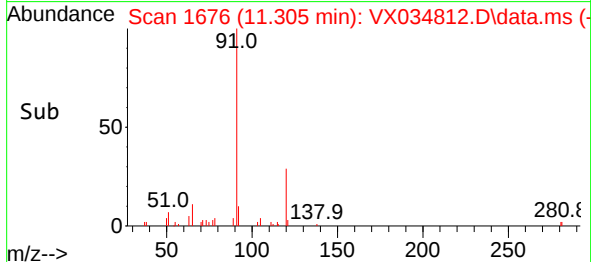
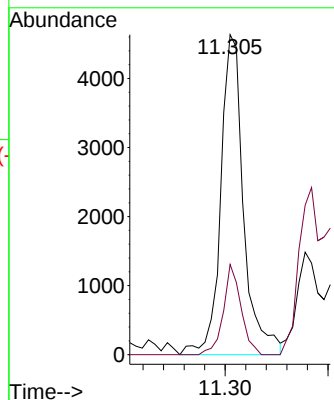
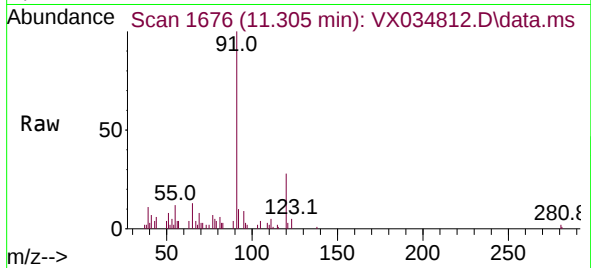




#78
n-propylbenzene
Concen: 0.373 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

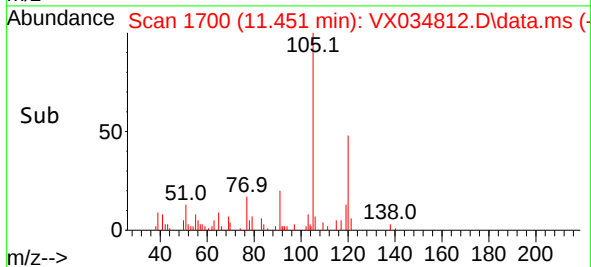
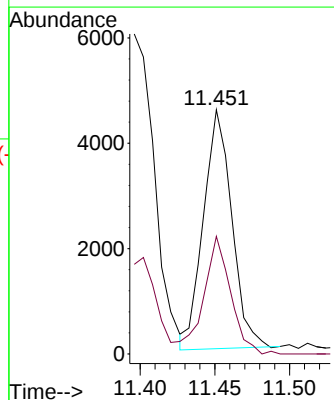
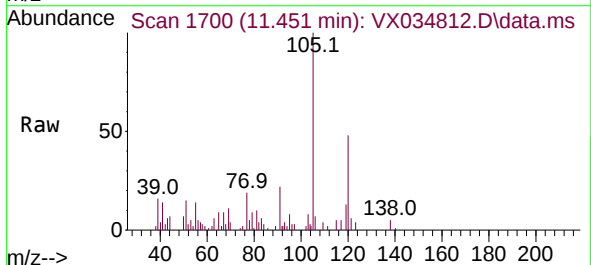
Instrument :
MSVOA_X
ClientSampleId :
PMW-2

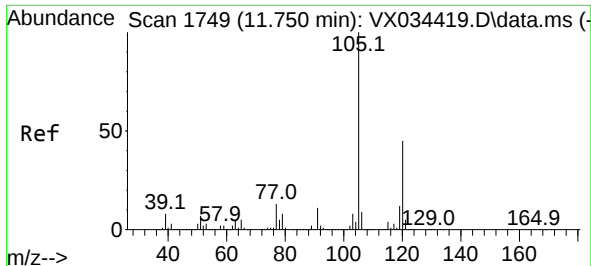
Tgt Ion: 91 Resp: 7156
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 0.430 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

Tgt Ion: 105 Resp: 5983
Ion Ratio Lower Upper
105 100
120 46.0 23.7 71.1

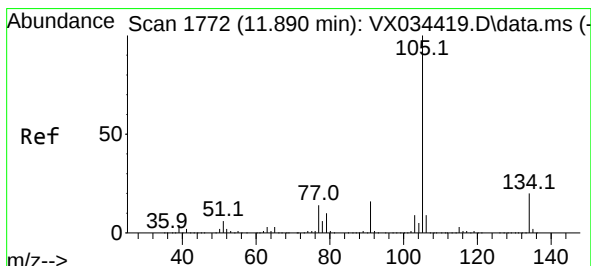
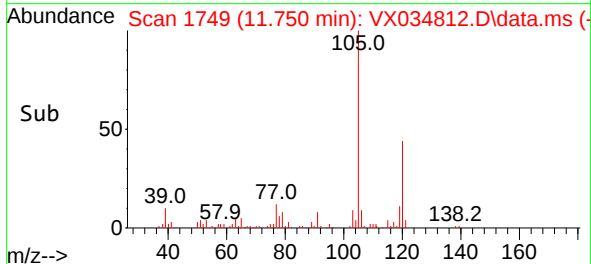
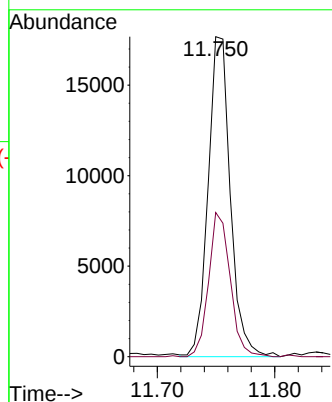
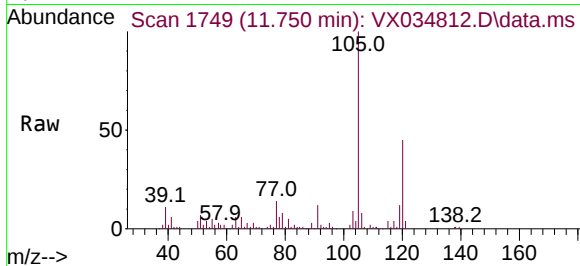




#84
1,2,4-Trimethylbenzene
Concen: 1.633 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

Instrument :
MSVOA_X
ClientSampleId :
PMW-2

Tgt Ion:105 Resp: 23248
Ion Ratio Lower Upper
105 100
120 43.6 22.4 67.0



#85
sec-Butylbenzene
Concen: 0.369 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX034812.D
Acq: 28 Mar 2023 22:38

Tgt Ion:105 Resp: 6331
Ion Ratio Lower Upper
105 100
134 33.6 10.2 30.4#

